

DOCKET: CU-4429

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Ole Gunnar FJELDE

TITLE: A DISCONNECTION DEVICE FOR A WIRELINE

**AMENDED CLAIMS**

1. (currently amended) A device for connection of a wireline (2) provided with a conductor (10), ~~characterized in that~~ wherein the wireline (2) is provided with a wireline connector (6) in which each wireline strand layer (12, 14) is biased and clamped between an inner sleeve (16, 26) and an outer sleeve (18, 28), and wherein the tensile load of the wireline (2) is transmitted to a fastening element (38) via the outer sleeves (18, 28).
2. (currently amended) The device according to claim 1, ~~characterized in that~~ wherein the outer sleeve (18, 28) is provided with a biasing, radial deformation.
3. (currently amended) The device according to claim 1, ~~characterized in that~~ wherein a spacer sleeve (36) is arranged between the outer sleeves (18, 28).
4. (currently amended) The device according to claim 1, ~~characterized in that~~ wherein a wedge sleeve (22, 32) is biased and displaced axially between the outer sleeve (18, 28) and the inner sleeve (16, 26).
5. (currently amended) The device according to claim 4, ~~characterized in that~~ wherein the spacer sleeve (36) is arranged between a second outer sleeve (28) and a first wedge sleeve (22).
6. (currently amended) A device for connection, by means of a wireline connector (6) of a wireline (2) provided with a conductor (10), the wireline (2) intended particularly for a wireline tool (4), ~~characterized in that~~ wherein the

wireline connector (6) is connected to the wireline tool (4) by means of a releasable disconnection device (8).

7. (currently amended) The device according to claim 6, ~~characterized in that~~ wherein the disconnection device (8) comprises at least one locking body (44), wherein the locking body (44) in its locking position is in locking engagement with the wireline connector (6) and the disconnection device (8) while a body (73) prevents the locking body (44) from being displaced out of its locking position, and wherein the body (73) is arranged to displace out of its locking position by means of a biased spring (56).

8. (currently amended) The device according to claim 7, ~~characterized in that~~ wherein the body (73) is comprised of a collar that is connected to a piston-like body (62), the spring (56) biasing against the piston-like body (62), and wherein the piston-like body (62) is restrained by at least one electrically insulated wire (64), and wherein the wire (64) upon heating is arranged to lose its load-carrying ability.

9. (currently amended) The device according to claim 8, ~~characterized in that~~ wherein the wire (64) is heated by means of electric energy.

10. (currently amended) The device according to claim 8, ~~characterized in that~~ wherein the wire (64) is heated by means of chemical energy.

11. (currently amended) The device according to claim 6, ~~characterized in that~~ wherein disconnection device (8) comprises at least one locking body (44), wherein the locking body (44) in its locking position is in locking engagement with the wireline connector (6) and the disconnection device (8) while the locking body (44) is bearing against a movable tapered section (78) that is biased in its movement direction by a spring (76).